

FIG. 1

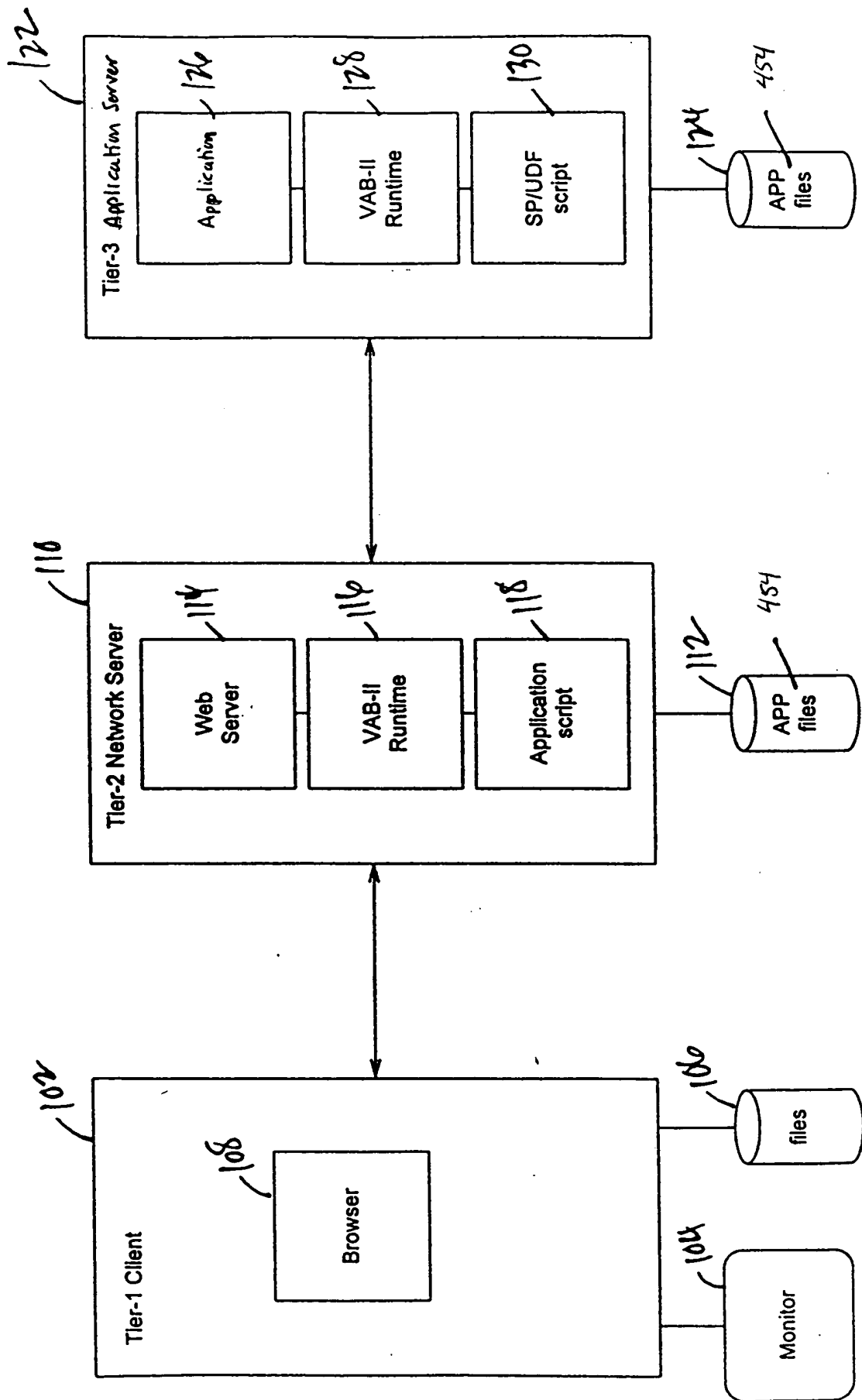


FIG. 2

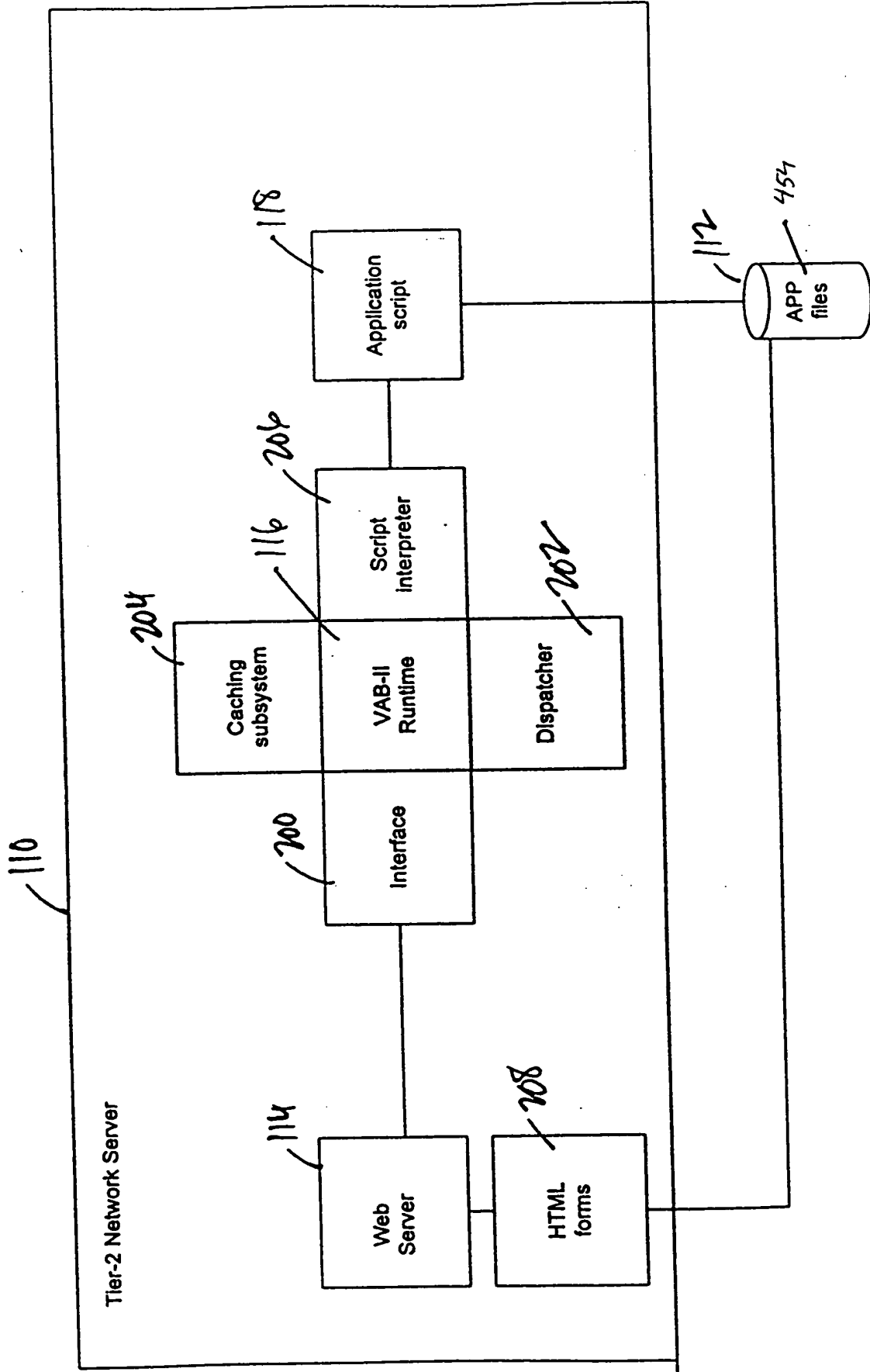


FIG. 3

122

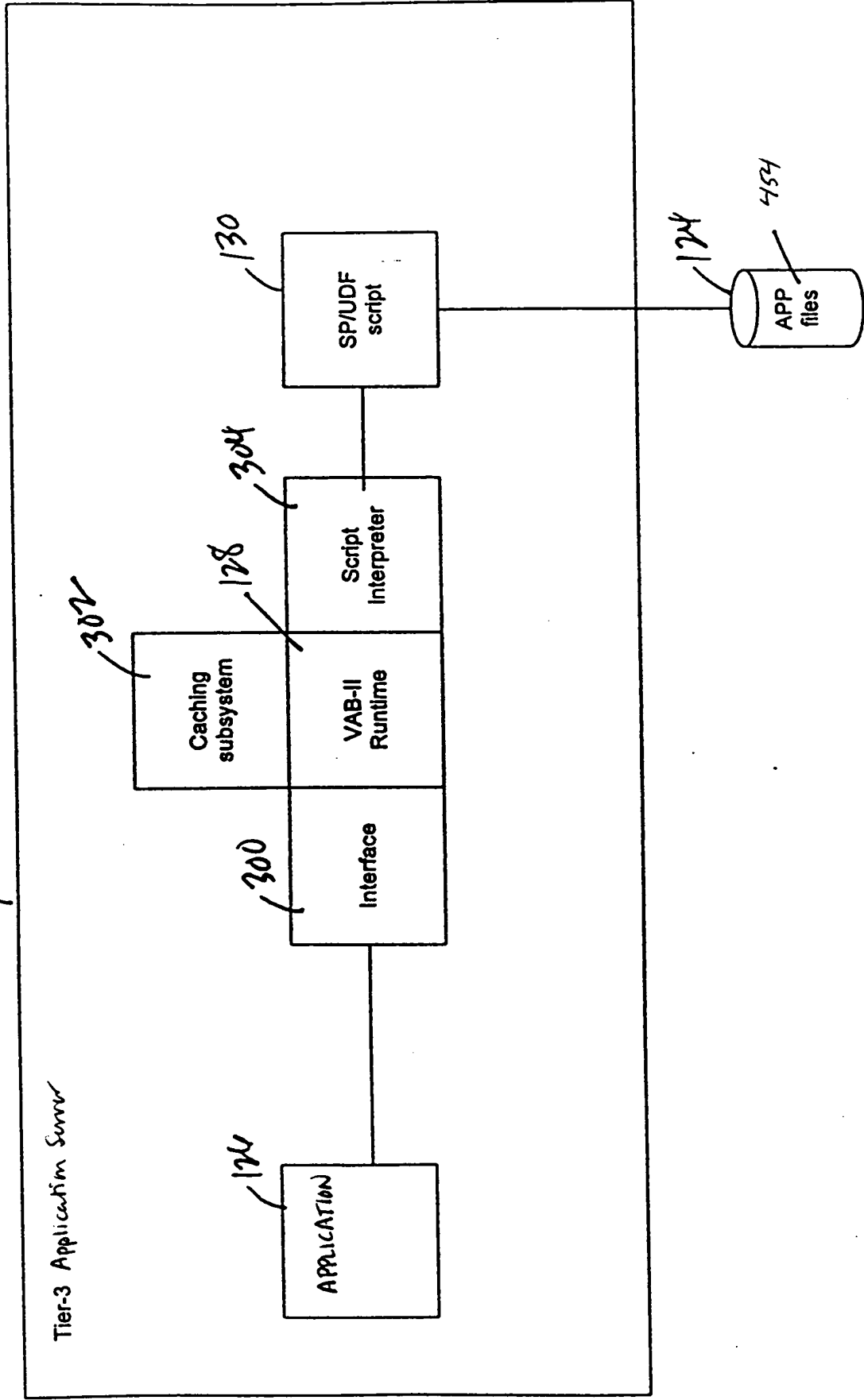
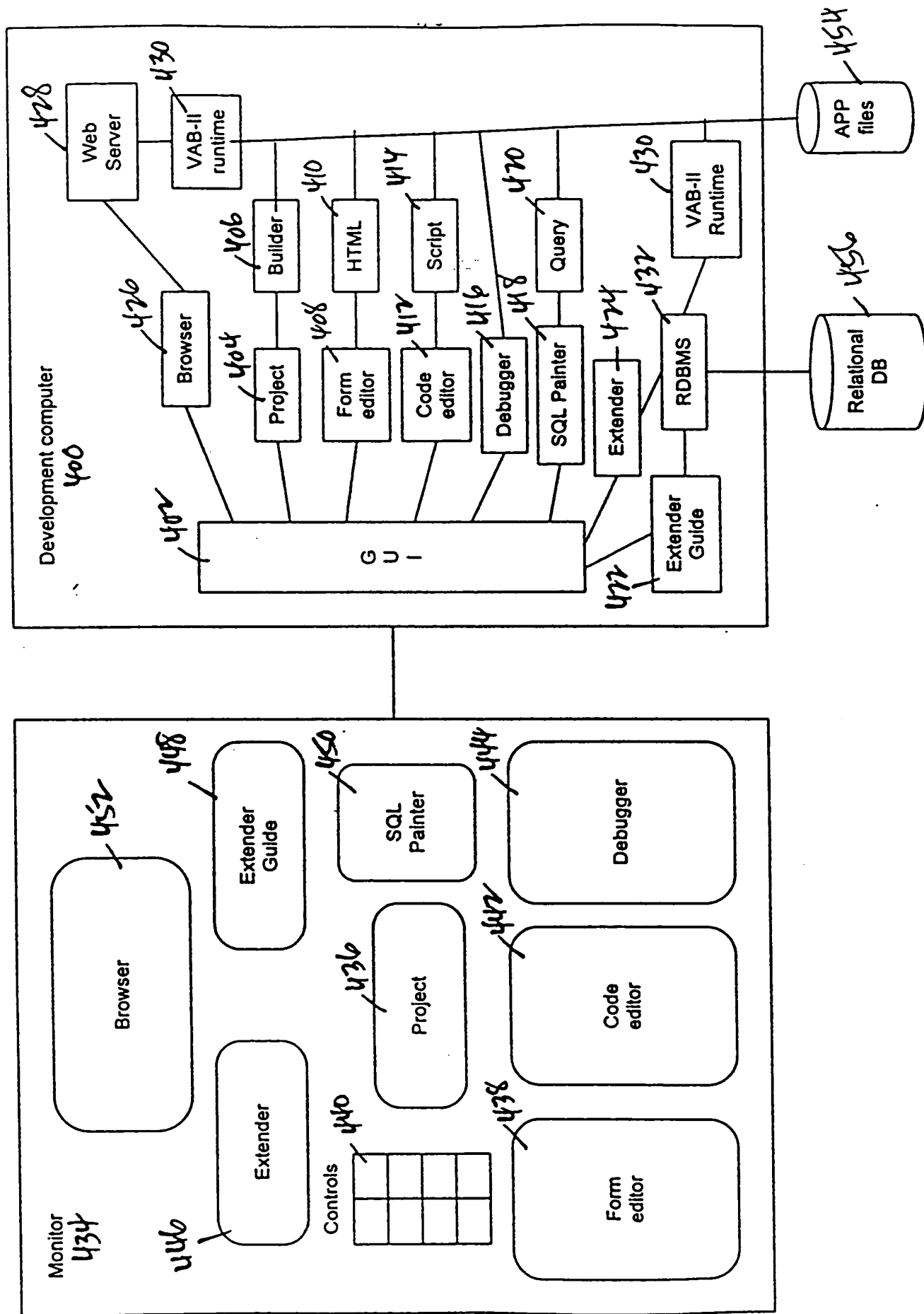


FIG. 4 is a block diagram of the system.



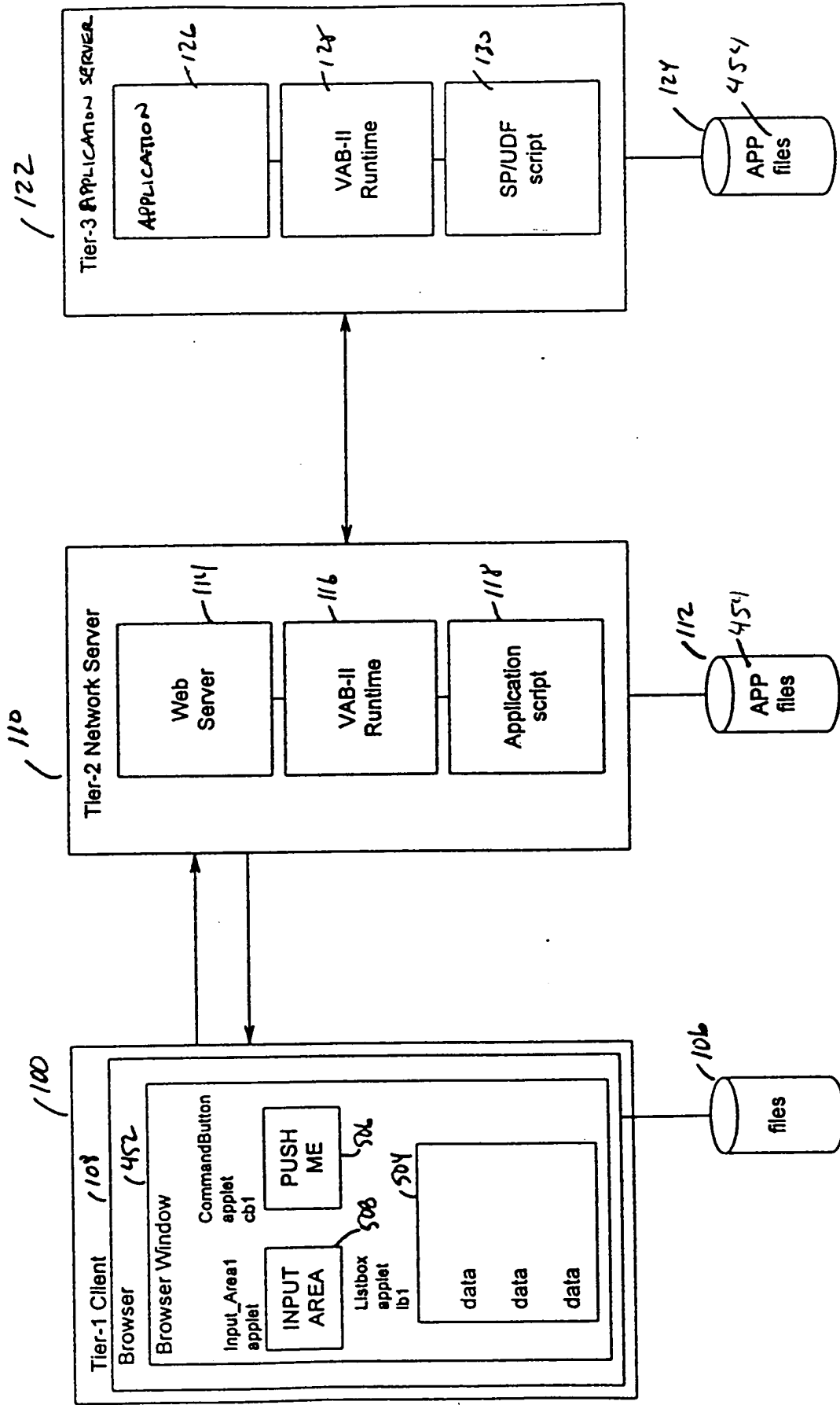


FIG. 5A

2000-09-09

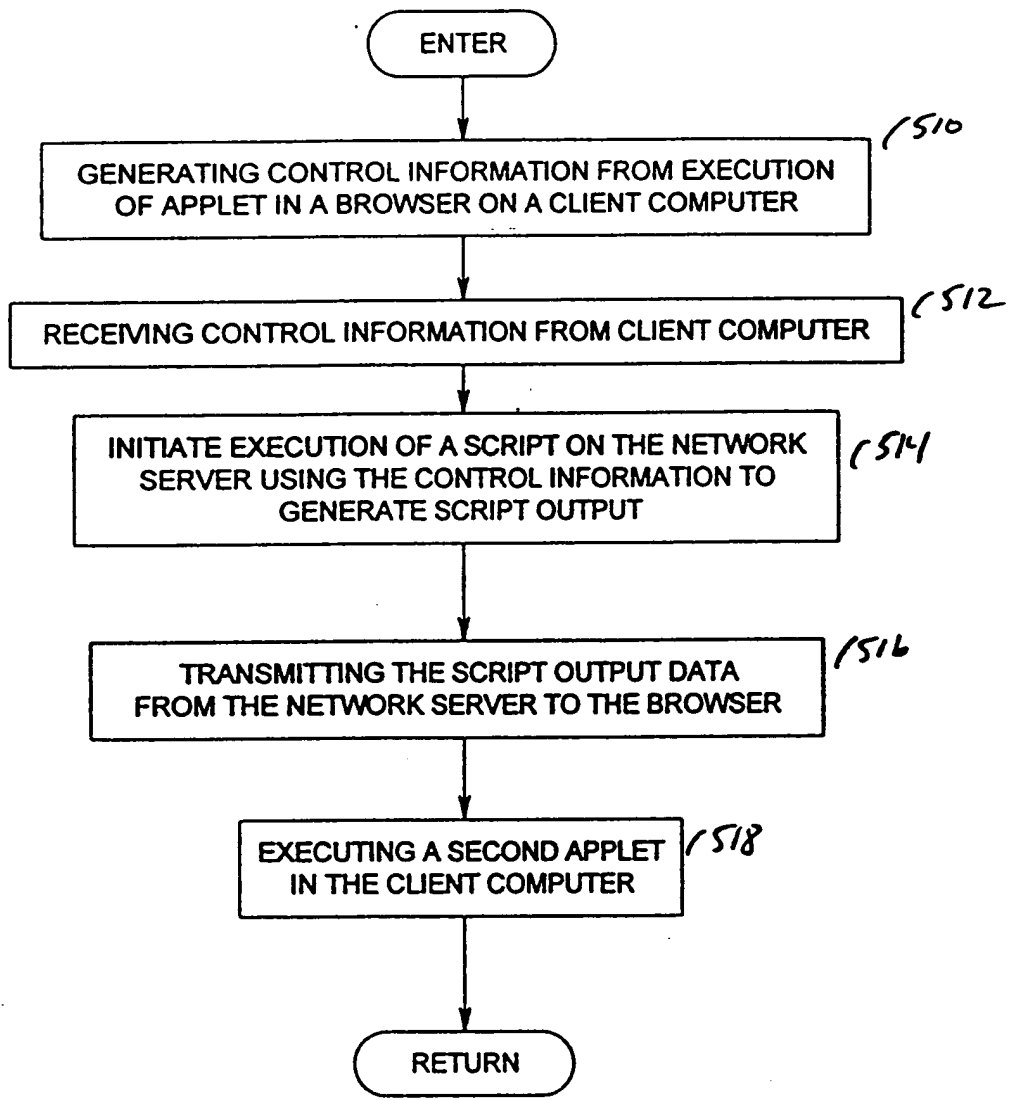
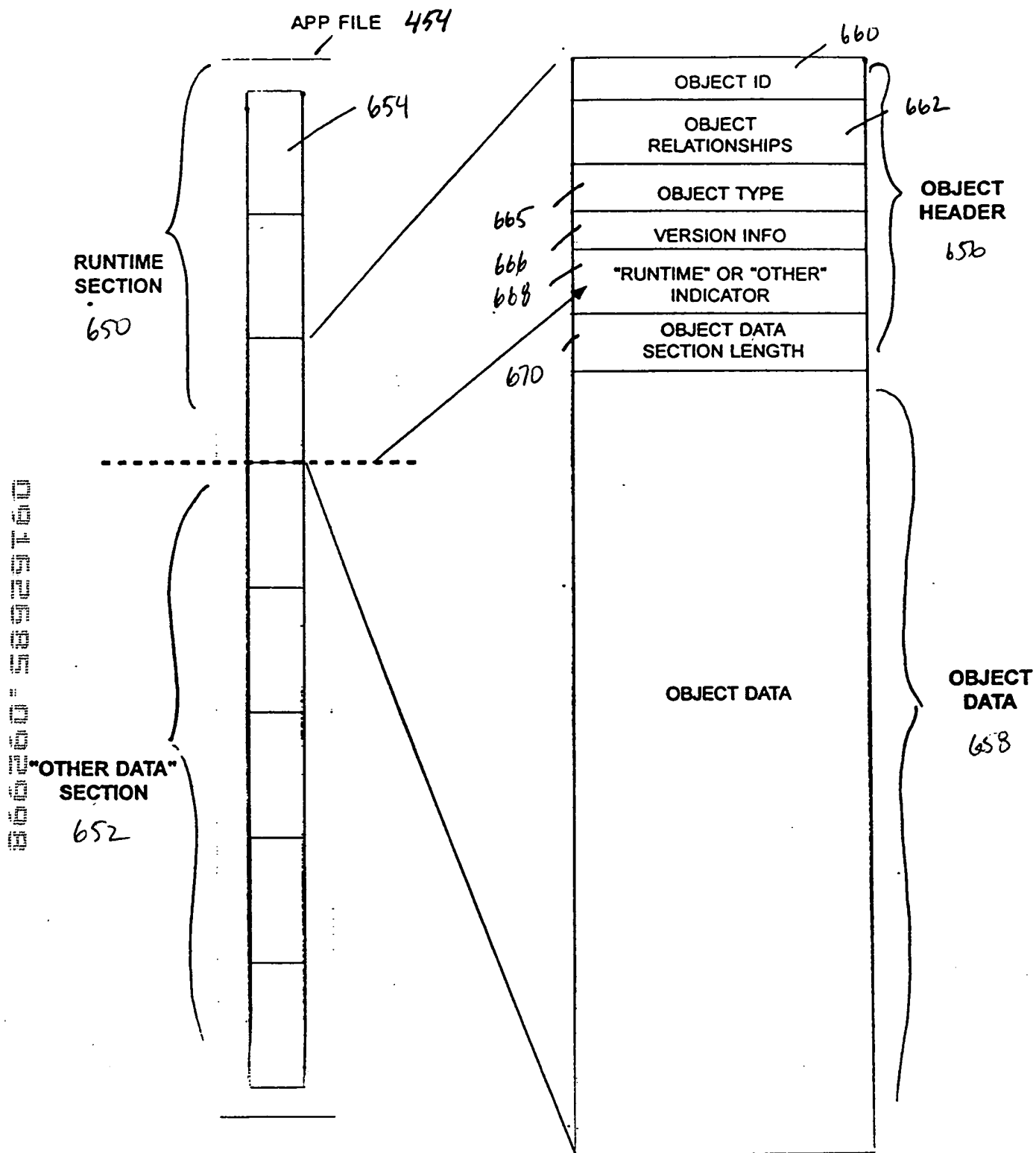


FIG. 5B



**FIG. 6A**

ENTER

SEGMENT DATA OBJECTS INTO A NAME-VALUE  
BASED PORTION AND A STREAM BASED PORTION

680

SEGMENT THE NAME-VALUE BASED PORTION  
INTO A DATA OBJECT IDENTIFICATION SEGMENT  
AND A DATA OBJECT RELATIONSHIP SEGMENT

682

SEGMENT THE NAME-VALUE BASED PORTION  
INTO AN INDICATOR SEGMENT IDENTIFYING A  
BOUNDARY BETWEEN THE FIRST SECTION  
AND THE SECOND SECTION

684

SEGMENT THE NAME-VALUE BASED PORTION INTO  
AN OBJECT TYPE SEGMENT AND A VERSION  
INFORMATION SEGMENT

686

STORE AT LEAST ONE SEGMENTED DATA OBJECT  
COMPRISING EXECUTABLE PROGRAMMING LOGIC  
IN A FIRST SECTION OF THE APP FILE

688

STORE AT LEAST ONE DATA OBJECT COMPRISING THE  
PROJECT DEVELOPMENT ENVIRONMENT IN A SECOND  
SECTION OF THE APP FILE

690

RETURN

FIG. 6B



09152555-092998

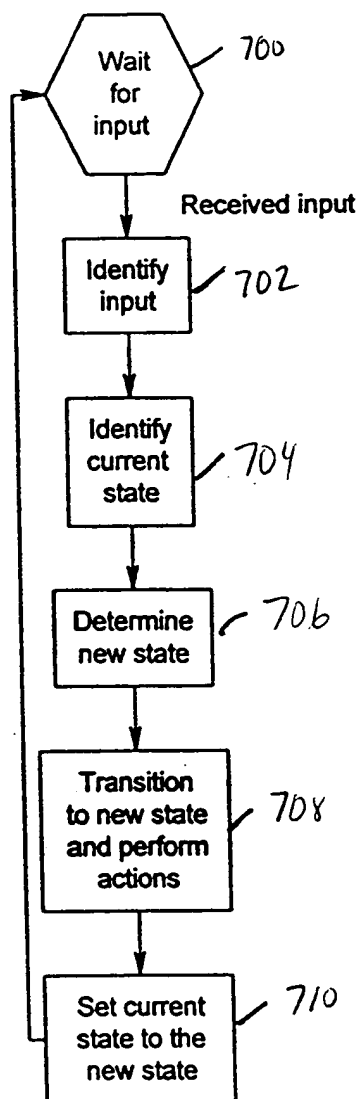


FIG. 7

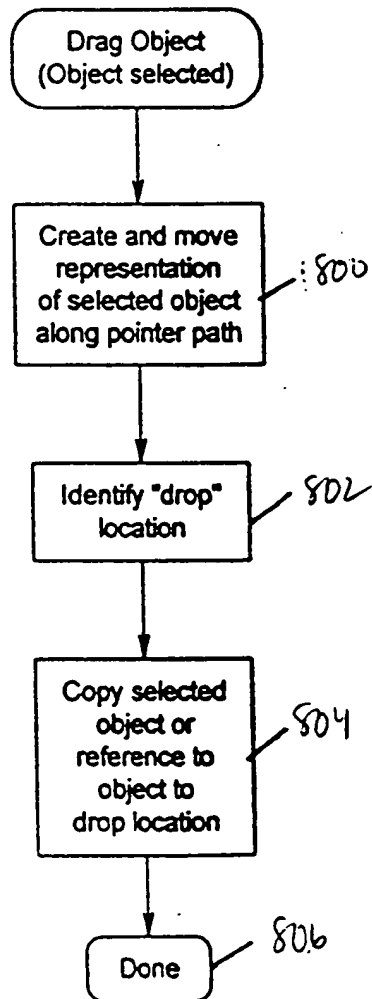



FIG. 8A

/436

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436



Project Manager

File Edit View

- Project
  - T2-APP
    - Appl1
      - Form1**
      - Form2

...

Form1


**WILLIAMS**

FIG. 8C

Monitor  
434

Project Window

Project Manager

File Edit View

Project Project1  
T2-APP Appl1  
Form1  
Form2  
...

Form1

Code Editor - Form2

File Edit View

Open Save Cut Copy Paste Cancel

```
<HTML>
<HEAD>
<TITLE> Home Page </TITLE>
</HEAD>

<BODY BACKGROUND="bg.gif">
<CENTER>
```

000000-599999

FIG. 8D

Monitor

434

Project Window

436

Project Manager

File Edit View

Project Project1  
T2-APP Appl1  
Form1  
Form2  
...

438

Form1

438

Code Editor - Form2

File Edit View

Open Save Cut Copy Paste Cancel

```
<HTML>
<HEAD>
<TITLE> Home Page </TITLE>
</HEAD>

<BODY BACKGROUND="bg.gif">
<CENTER>

<http://www.somesite.com/path APPLET CODE=grid1.class
WIDTH=100 HEIGHT=50>
```

001525-0000

09152625-092999

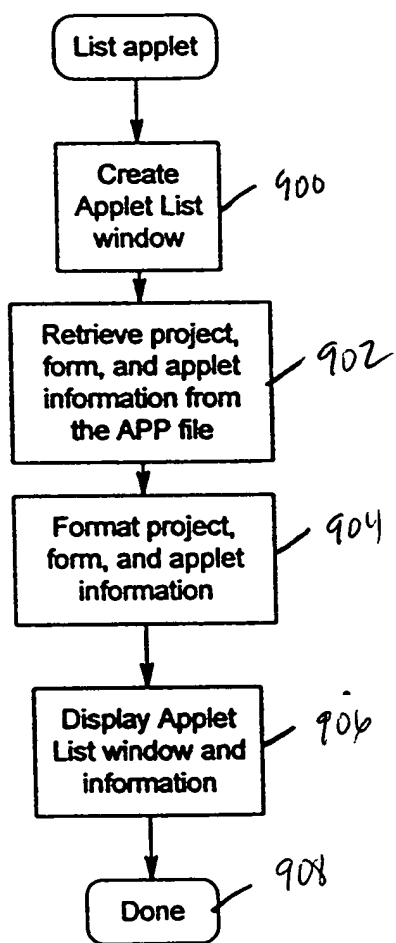


FIG. 9A

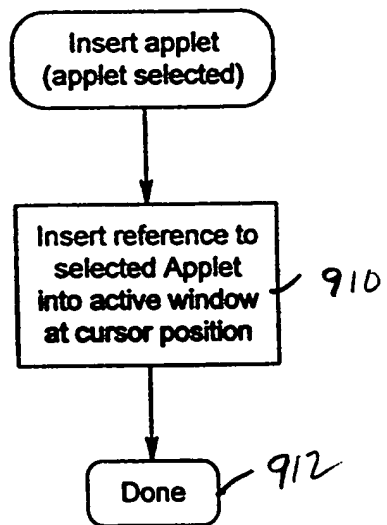


FIG. 9B

FIG 9C

Monitor

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Project Window

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Project Manager	
File	Edit View
Project Project1	
T2-APP Appl1	
Form1	
Form2	
...	

438

Form1				
<table border="1"> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table>				

438

Applet List	
Project1	
Form1	Grid1
Command1	
Form2	
...	
Insert	Close

Code Editor - Form2	
File	Edit View
Open	Save Cut Copy Paste Cancel
<HTML>	
<HEAD>	
<TITLE> Home Page </TITLE>	
</HEAD>	
<BODY BACKGROUND="bg.gif">	
<CENTER>	
<http://www.somesite.com/path APPLET CODE=grid1.class	
WIDTH=100 HEIGHT=50>	

000000-589999



A solid black circular stamp, likely a seal or a placeholder, located at the bottom center of the page.

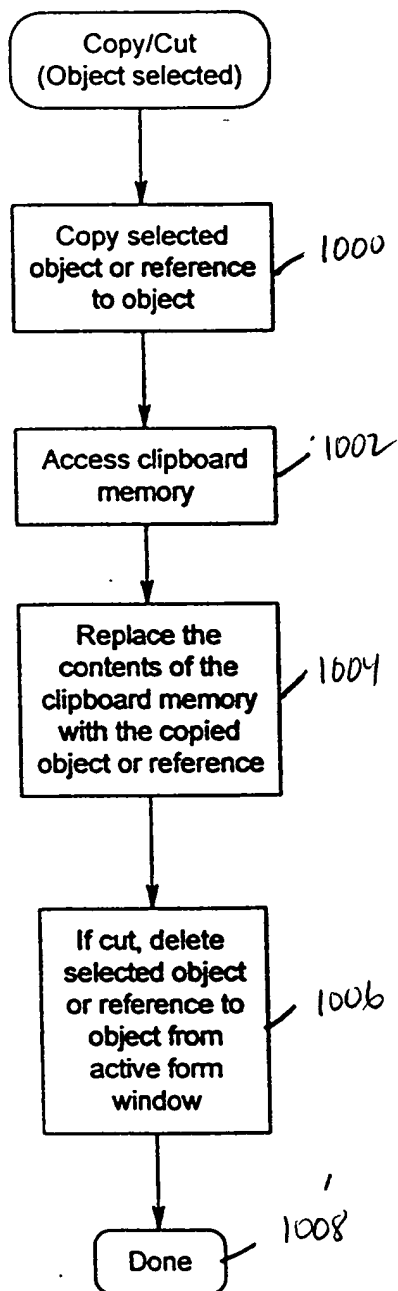


FIG. 10A

00152685-000000

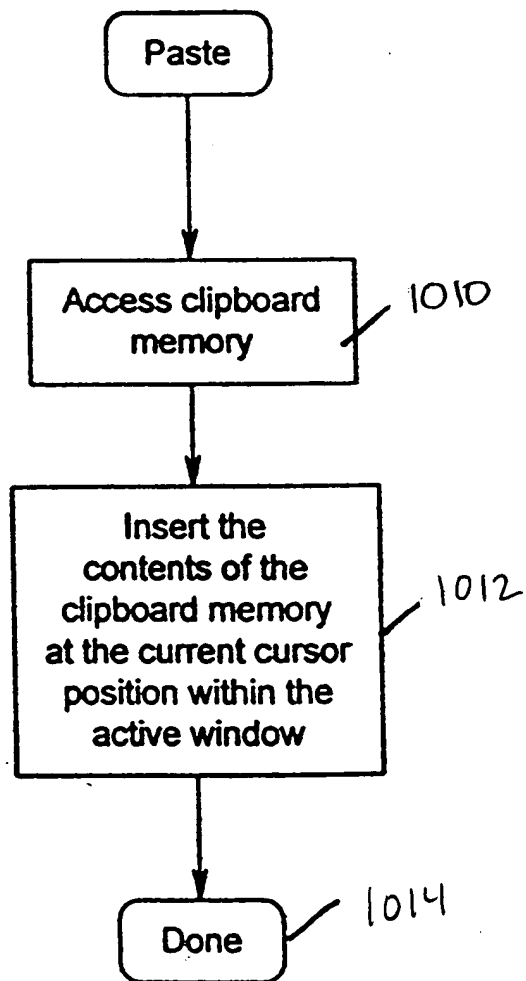


FIG. 10B


FIG. 10C

## Monitor

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## Project Window

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The screenshot shows a 'Project Manager' window with a menu bar containing 'File', 'Edit', and 'View'. The main area displays a hierarchical tree structure:

- Project Project1
  - T2-APP Appl1
    - Form1
    - Form2
    - ...

The screenshot shows the 'Form Editor' application window. The menu bar includes 'Form Editor', 'Form', 'Edit', and 'View'. The 'Edit' menu is open, displaying options: 'Open', 'Undo', 'Cut', 'Copy', and 'Paste'. The 'Copy' option is highlighted with a black background. Below the menu, a form titled 'Form1' is visible, containing a table with four empty rows.

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```
Code Editor - Form2
File Edit View
Open Save Cut Copy Paste Cancel

<HTML>
<HEAD>
<TITLE> Home Page </TITLE>
</HEAD>

<BODY BACKGROUND="bg.gif">
<CENTER>
```

438

[illegible]


FIG. 10D

## Monitor

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## Project Window

436



The screenshot shows a 'Project Manager' window with a menu bar containing 'File', 'Edit', and 'View'. The main area displays a tree view with the following structure:

- Project
  - T2-APP
    - Appl1
      - Form1
      - Form2
      - ...

Form1

Form1


438

Code Editor - Form2

File Edit View Copy Paste Cancel

Undo  
Cut  
Copy  
Paste

```
<HTML>
<HEAD>
<TITLE> Horizontal Form</TITLE>
</HEAD>
<BODY BACKGROUND="bg.gif">
<CENTER>
<FORM ACTION="http://www.somesite.com/path APPLET CODE=grid1.class
WIDTH=100 HEIGHT=50">
```

438

[illegible]

```

graph TD
    BEGIN([BEGIN]) --> 1102[GENERATE A PROJECT APPLICATION WITH A FIRST AND A SECOND HTML FORM]
    1102 --> 1104[PUBLISH APPLICATION]
    1104 --> 1106[RECEIVE URL REQUEST FOR AN HTML FILE FROM A CLIENT COMPUTER]
    1106 --> 1108[DOWNLOAD HTML FILE]
    1108 --> 1110[RECEIVE APPLLET TAGS FROM THE CLIENT COMPUTER BROWSER]
    1110 --> 1112[DOWNLOAD APPLETS IDENTIFIED BY APPLLET TAGS]
    1112 --> 1114[EXECUTE APPLLET TO GENERATE CONTROL INFORMATION INCLUDING DATA RELATING A SECOND HTML FILE TO A COMMAND TO SHOW THE SECOND HTML FILE]
    1114 --> A((A))

```

FIG. 11A

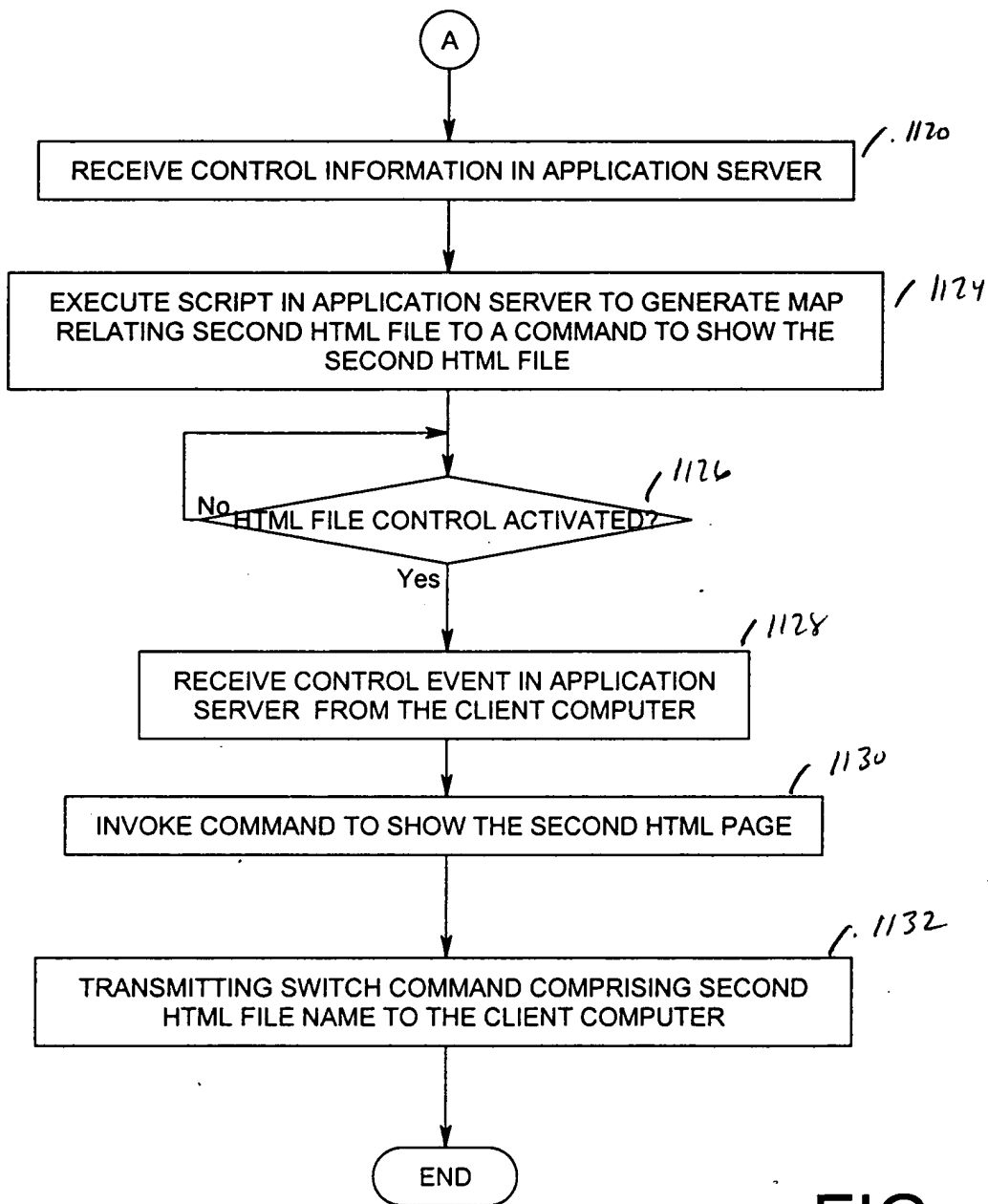


FIG. 11B

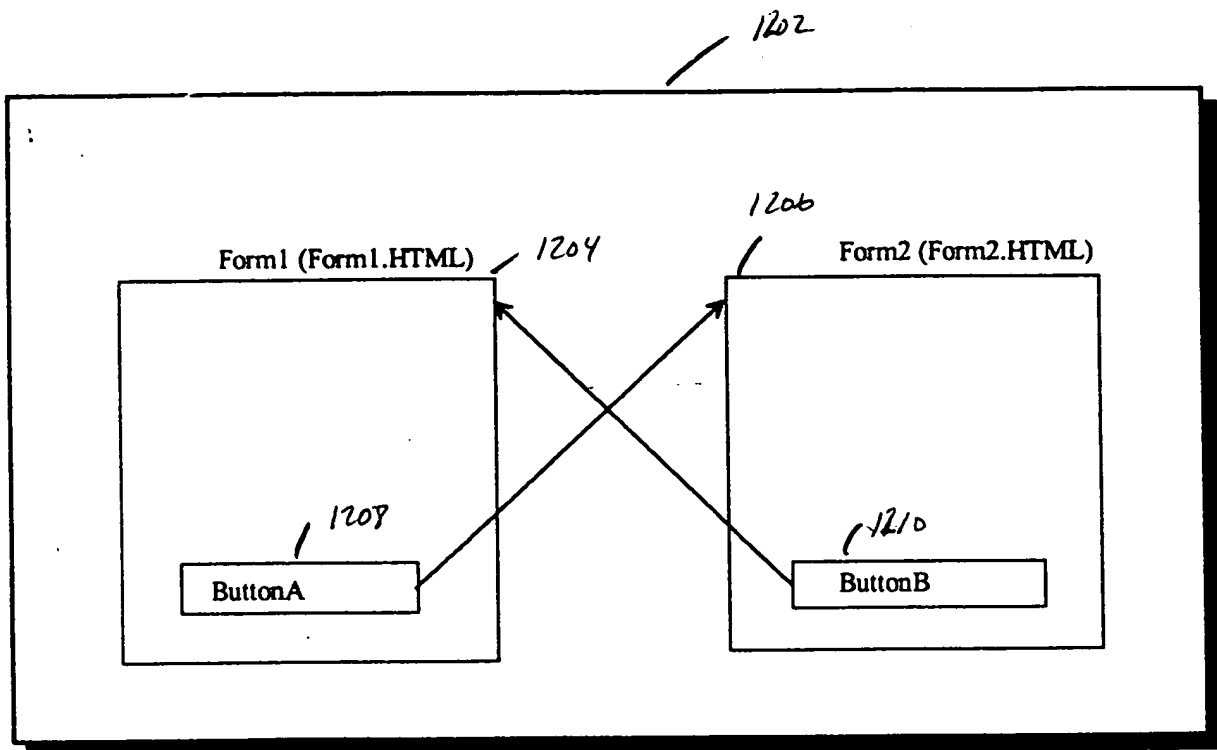


FIG. 12

<u>Logic Behind ButtonA</u>	<u>Logic Behind ButtonB</u>
<pre> ButtonA_Click() {     show Form2 }                     </pre>	<pre> ButtonB_Click() {     show Form1 }                     </pre>

FIG. 13

001000-000000

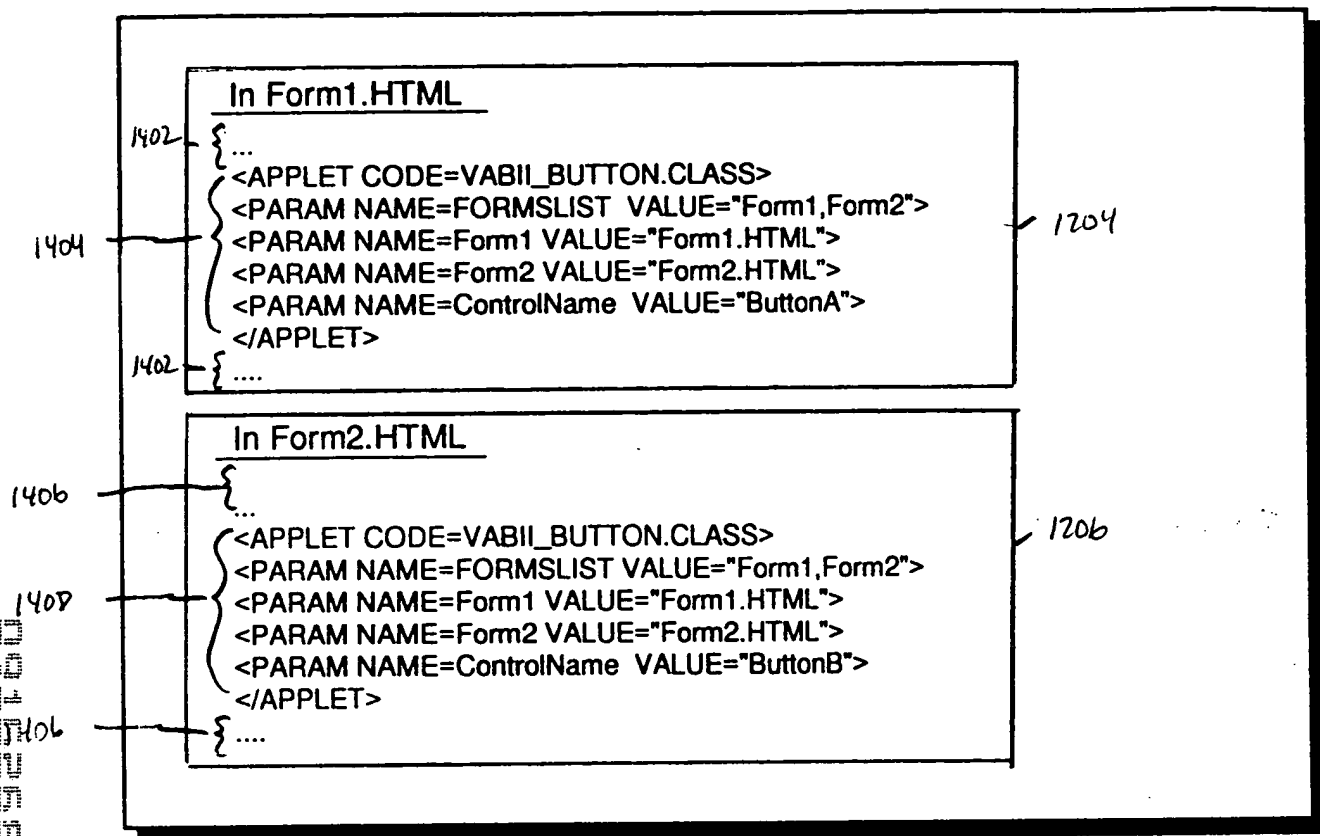


FIG. 14

Form Name	Maps to HTML File
Form1	Form1.HTML
Form2	Form2.HTML

FIG. 15



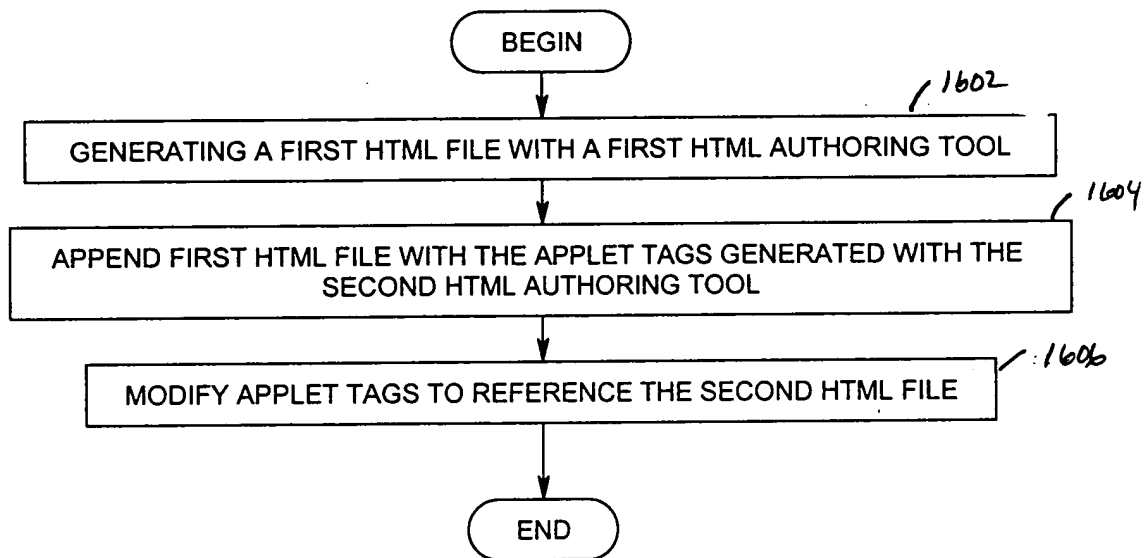


FIG. 1b

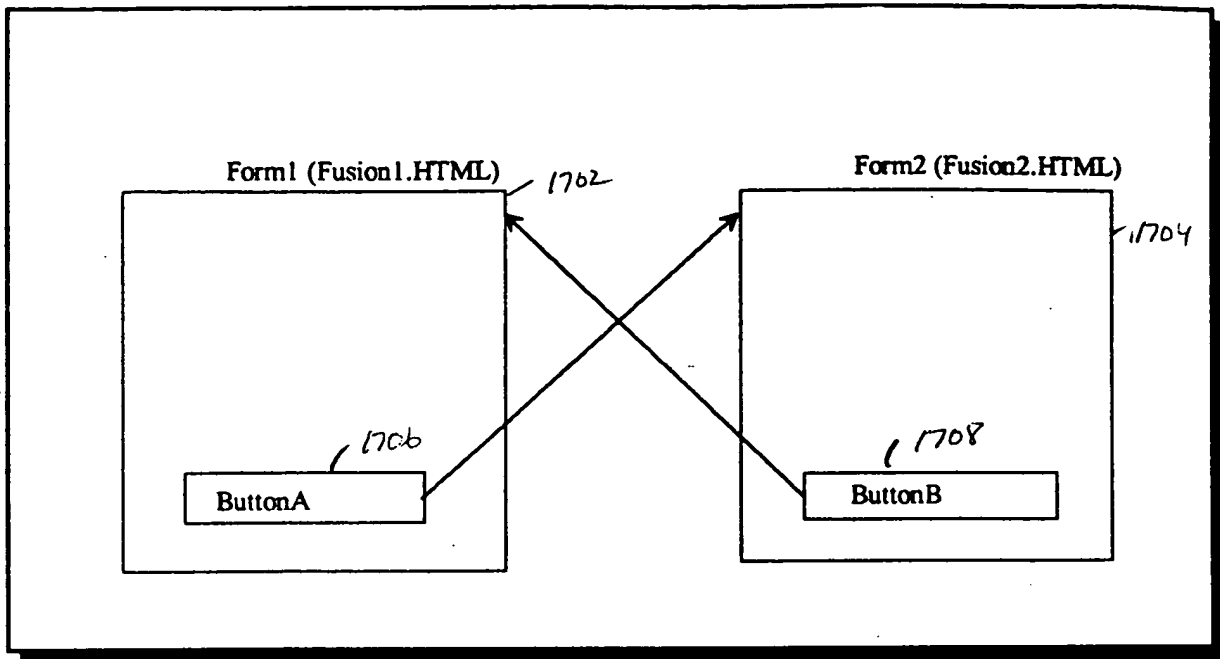


FIG. 17

0016565-00000000-5829T60

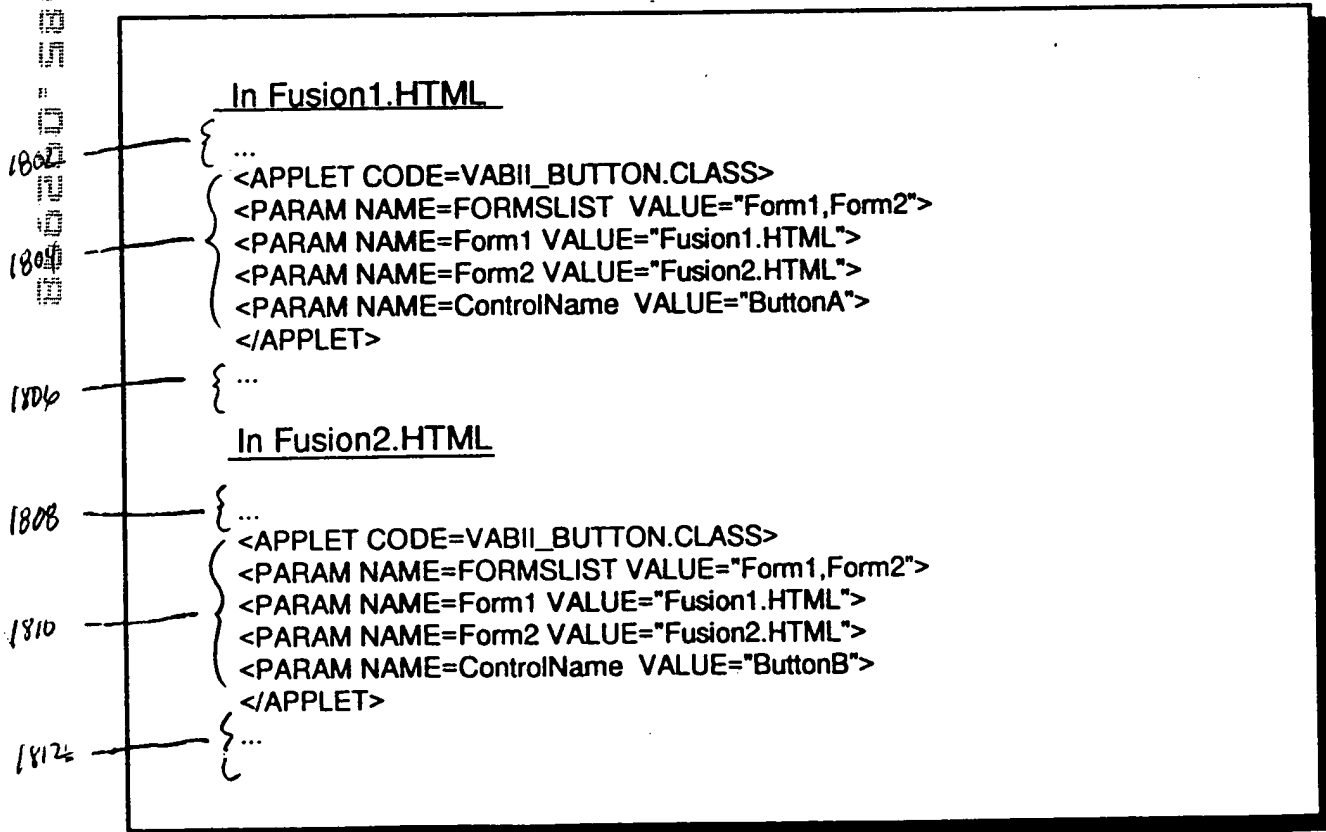


FIG. 18

Form Name	Maps to HTML File
Form1	Fusion1.HTML
Form2	Fusion2.HTML

FIG. 19

```

graph TD
    BEGIN([BEGIN]) --> 2002[OPEN PROJECT]
    2002 --> 2004[OPEN FORM]
    2004 --> 2006[OPEN HTML PAGE]
    2006 --> 2008{NO ELEMENT COPIED OR MOVED FROM FORM TO HTML PAGE?}
    2008 -- Yes --> 2010[READ INFORMATION FROM PROJECT FILE  
INFORMATION = RELATIONSHIP BETWEEN ELEMENT AND HTML FILE]
    2010 --> 2012[PROCESS INFORMATION TO MAP ELEMENT TO THE HTML FILE]
    2012 --> 2014[VERIFY MAPPING]
    2014 --> 2016{INVALID MAPPING?}
    2016 -- Yes --> 2018[FLAG INVALID MAPPING]
    2018 --> 2016
    2016 -- No --> 2020[DISPLAY THE MAPPING]
    2020 --> 2022{MODIFIED MAPPING DESIRED?}
    2022 -- Yes --> 2024[ACCEPT MODIFIED MAPPING]
    2024 --> 2022
    2022 -- No --> 2026[STORE MODIFIED MAPPING IN PROJECT FILE]
    2026 --> END([END])
  
```

FIG 1

FIG. 20

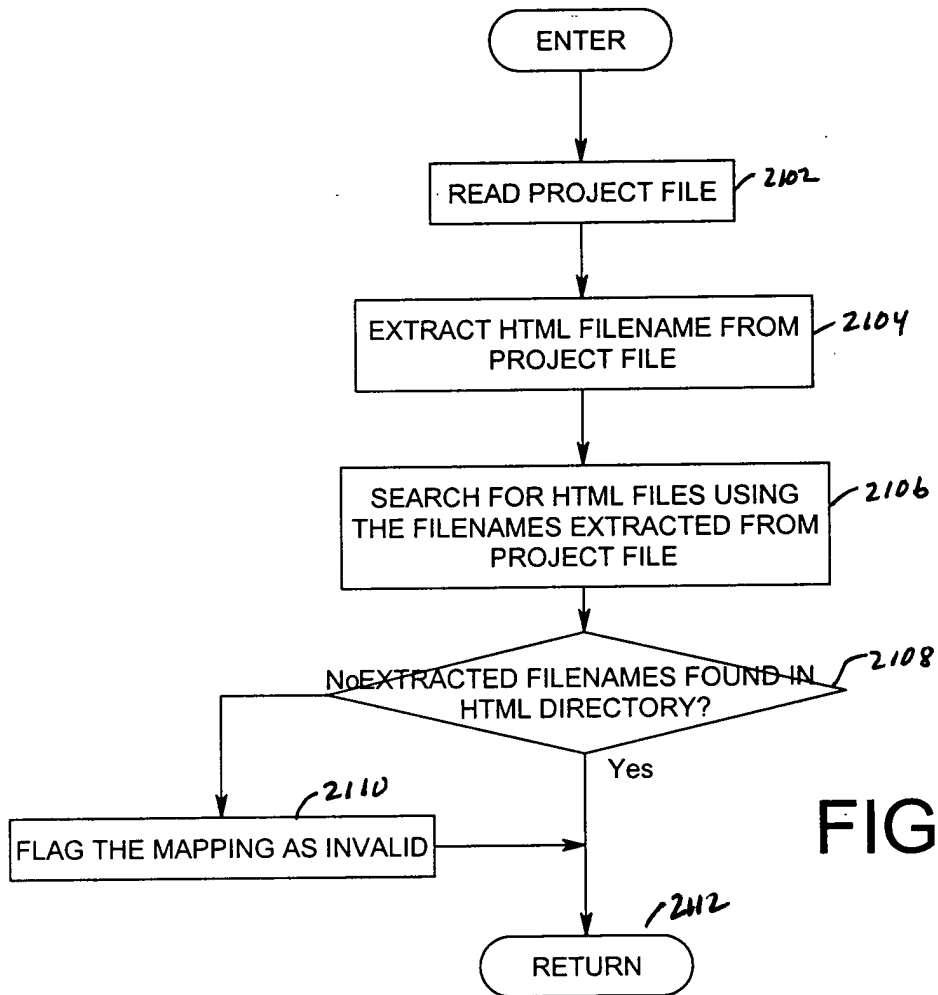


FIG. 21

FIG. 22